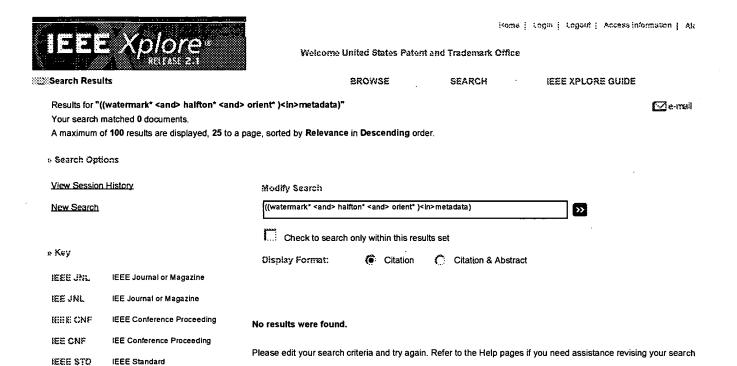| Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18002	((382/100,232,240,289) or (713/176,179) or (380/51, 54,201,210,252,287) or (370/522,523,524,525, 526,527,528,529) or (283/72,74,75,76,77,78, 79,80,81,901,902) or (705/57,58) or (725/9,20, 22) or (399/180,181) or (358/3.03,3.06,3.08,3.09, 3.1,3.3,534,536)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 15:59
L2	2070	1 and (watermark$4 or steganograph$4 or water-mark$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:10
L3	151	2 and halfton$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:09
L4	135	3 and (estimat$4 or calculat$4 or comput$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:04

L5	98	4 and threshold$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:05
L6	60	5 and parameter$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:07
L7	44	6 and distortion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:02
L8	28	7 and target$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:11
L9	25	8 and orientat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:11

L10	25	9 and correlat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:07
L11	103	((halfton$4) near4 (watermark$4 or steganograph$4 or water-mark$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:07
L12	7180	target$4 near4 orientation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:10
L13	5286	12 and (estimat$4 or calculat$4 or comput$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:10
L14	1861	13 and threshold$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:05

L15	155	((halfton$4) same(watermark$4 or steganograph$4 or water-mark$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:07
L16	75	15 and parameter$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:12
L17	42	16 and correlat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:08
L18	41	17 and (processor$4 or CPU or computer$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:08
L19	36	18 and decod$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:08

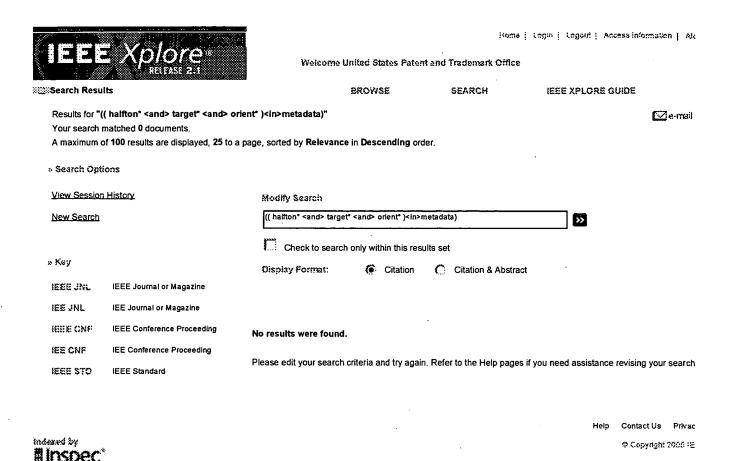| L20	32	19 and symbol$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:09
L21	32	20 and (detect$4 or recogni$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:09
L22	3116	(halfton$5 near4 screen$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:09
L23	1860	22 and (estimat$4 or calculat$4 or comput$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:10
L24	88	23 and (watermark$4 or steganograph$4 or water-mark$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:10

L25	6	24 and (target$4 near4 orientation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:11
L26	7	24 and (target$4 same orientation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:11
L27	34	24 and target$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:11
L28	29	27 and (rotat$4 or orientat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:12
L29	18	28 and parameter$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 16:12

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Last Name = BRUNK
First Name = HUGH L.

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60126360	Not Issued	159	03/26/1999	EMBEDDED TRELLIS CODED QUANTIZATION	BRUNK, HUGH L.
60440593	Not Issued	159	01/15/2003	System for authentication of print media	BRUNK, HUGH L.

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